

6. PAINT BOOTH & DIP WELL OPERATIONS

The painting operations at US&S were conducted in the Building #10 and the Building #4 complexes. The Building #4 complex had two downdraft paint booths and the Building #10 complex one water wall booth and one dipwell. The function of the spray booth is to collect paint overspray. The overspray is collected on the booth's walls, in a waterwall, or in replacable filters in the downdraft paint booths. There were three waste streams generated in this operation.

1. Waste paint that came in contact with the paint booth walls or the water wall. The waste was hazardous due to chrome and lead contents.
2. Equipment clean-up procedures that may have included the use of xylene created a waste that was hazardous waste due to lead and/or chrome content and possible because of ignitability.
3. Used paint spray make up air and discharge air filters which were hazardous waste due to lead and chrome content.

All Hazardous Waste generated from this decommissioning was disposed at the Ensco facility in Eldorado Arkansas.

The phase out of the spraypaint/dipwell operations were scheduled over a six month period, with subsequent decommissioning occurring during the later half of 1987.

The first step in this decommissioning was to remove all paint from the floor and walls of all the paint booths. "Peel Filmite" traditionally applied to the wall surfaces, facilitated the easy removal of the overspray. The peeled overspray was then drummed for disposal as a hazardous waste.

The next step was to remove the collected overspray from the waterwall tank in building #10 (approximately 600 gallon capacity). This was accomplished by adding "Clairivant", a flocculent, to precipitate the suspended paint in the water. The paint was then shoveled out, drummed and disposed of as a hazardous waste. The water was then processed thru the Wastewater Treatment Plant.

Finally all filters were removed from the down draft spray booths, broken-up, and drummed for disposal as a hazardous waste.

The Dipwell in the Building #10 Annex was the last to be addressed. First all paint was removed and drummed for disposal as a liquid hazardous waste. The tank was scraped to bare metal in order to totally remove the waste paint from the dipwell. The scraping took place once the paint had partially cured on the sides and bottom of the tank. This was done because it permitted a more complete removal of the remaining paint residue.

The cleaned equipment was sold at Auction and removed during the fourth quarter of 1987.